

WHAT IS CLAIMED IS.

1. A voice activated Hypermedia system using grammatical metadata, said system comprising:

- 5 a. a speech user agent;
- b. a browsing module; and
- c. an information resource.

10 *SCB C1*  
2. The system of Claim 1, wherein said system further includes embedded intelligence in hypermedia source.

15 3. The system of Claim 2, wherein said system further includes a means for processing the actions of a user based on said embedded intelligence.

20 4. The system of Claim 3, wherein said system further includes a means for returning a result of said actions to said user.

5. The system of Claim 2, wherein said hypermedia source is a HTML page.

25 6. The system of Claim 1, wherein said system further includes an instructional module for communicating allowed actions by a user.

7. The system of Claim 2, wherein said embedded intelligence is a grammar.

8. The system of Claim 2, wherein said embedded intelligence is a reference to a grammar.

25 9. The system of Claim 7, wherein said grammar is dynamically added to a speech recognizer.

10. The system of Claim 3, wherein said actions come from a speech recognizer.

11. A voice activated Hypermedia system using grammatical metadata, said system comprising:

- a. a speech user agent;
- b. a browsing module;
- c. an information resource;
- d. a means for extracting a grammar from a hypermedia source for future reference to said source;
- e. a means for modifying said grammar; and
- f. a means for automatically producing an intelligent grammar from said information resource; and
- g. a means for processing said grammar to produce a reference to said hypermedia source.

12. The system of Claim 11, wherein said system further includes a means for tokenizing a title for addition into said grammar.

13. The system of Claim 11, wherein said system includes a means for dynamically adding said grammar to a speech recognizer.

14. A voice activated Hypermedia system using grammatical metadata, said system comprising:

- a. a speech user agent;
- b. a browsing module;
- c. an information resource; and
- d. a means for producing a grammar from textual representation of links to said information resource.

15. The system of Claim 14, wherein said system further includes a means for recognizing sentences from said grammar to follow said links to said information resource.

16. The system of Claim 14, wherein said system further includes a means for adding said

grammars dynamically to said system.

17. The system of Claim 14, wherein said grammars further include word pronunciations.

5 18. The system of Claim 14, wherein said grammars further include multiple options for  
*593* tokenization.

19. The system of Claim 17, wherein said system further includes a means for dictionary lookup.

*ADD CL*